

Comparisons of Job Characteristics

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Bridge and Lock Tenders (53-6011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 58

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Bridge and Lock Tenders (53-6011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Public Safety and Security	6.9	14.0	12.7	< Expanded education and/or training may be required
Transportation	4.6	6.7	11.5	>> Current knowledge level is likely more than sufficient
Telecommunications	3.9	5.8	4.9	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Sailors and Marine Oilers (53-5011)

Associated Occupation: Bridge and Lock Tenders (53-6011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	8.4	11.2	>> Skill level is likely more than sufficient
Operation Monitoring	6.6	8.2	12.3	>> Skill level is likely more than sufficient
Troubleshooting	4.5	6.2	9.3	>> Skill level is likely more than sufficient
Repairing	3.4	5.8	8.7	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	5.6	8.7	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Sailors and Marine Oilers (53-5011)
Associated Occupation: Bridge and Lock Tenders (53-6011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Depth Perception	5.3	9.1	12.5	>>	Current ability level is likely more than sufficient
Glare Sensitivity	2.6	8.0	8.9	>	Current ability level is likely sufficient
Response Orientation	4.0	7.1	8.8	>	Current ability level is likely sufficient
Rate Control	3.8	6.9	8.2	>	Current ability level is likely sufficient
Sound Localization	2.2	5.7	7.1	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Sailors and Marine Oilers (53-5011)
Associated Occupation: Bridge and Lock Tenders (53-6011)

Work Activities	Exclusivity of Activity
Handle boat or ship tie-off lines	89
Inspect machinery or equipment to determine adjustments or repairs needed	42
Maintain records, reports, or files	5
Perform safety inspections in transportation setting	62
Understand technical operating, service or repair manuals	6
Use two-way radio or mobile phone	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Sailors and Marine Oilers (53-5011)
Associated Occupation: Bridge and Lock Tenders (53-6011)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.